

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-20491-2

Client Project/Site: Canton Drop Forge

For:

TRC Environmental Corp-Payne Firm

1382 West Ninth Street

Cleveland, Ohio 44113

Attn: Kathleen Teuscher

Patrick O'Meara

Authorized for release by:

2/26/2013 4:01:59 PM

Patrick O'Meara

Project Manager II

patrick.omeara@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

CDF011591



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Definitions/Glossary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Job ID: 240-20491-2

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: Canton Drop Forge

Report Number: 240-20491-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable.

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 01/31/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.8 C.

Total metals analyses were added to samples IA01-B08/(2-4) (240-20491-4) and IA01-B09/(2-4) (240-20491-5) per client request on 02/21/2013.

TOTAL METALS (ICP)

Samples IA01-B08/(2-4) (240-20491-4) and IA01-B09/(2-4) (240-20491-5) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 02/22/2013.

Barium was detected in method blank MB 240-76195/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

The following sample(s) was diluted due to the nature of the sample matrix: IA01-B08/(2-4) (240-20491-4). Elevated reporting limits (RLs) are provided.

Case Narrative

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Job ID: 240-20491-2 (Continued)

Laboratory: TestAmerica Canton (Continued)

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples IA01-B08/(2-4) (240-20491-4) and IA01-B09/(2-4) (240-20491-5) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 02/22/2013.

Mercury was detected in method blank MB 240-76202/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the mercury analyses. All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples IA01-B08/(2-4) (240-20491-4) and IA01-B09/(2-4) (240-20491-5) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 02/22/2013.

No difficulties were encountered during the % solids analyses. All quality control parameters were within the acceptance limits.

Method Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL NC
7471A	Mercury (CVAA)	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And its Updates.

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TestAmerica Canton

Sample Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-20491-4	IA01-B08/(2-4)	Solid	01/30/13 09:55	01/31/13 15:10
240-20491-5	IA01-B09/(2-4)	Solid	01/30/13 10:10	01/31/13 15:10

Detection Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Client Sample ID: IA01-B08/(2-4)

Lab Sample ID: 240-20491-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	64	B	39	0.14	mg/Kg	2	✱	6010B	Total/NA
Cadmium	0.082	J	0.39	0.069	mg/Kg	2	✱	6010B	Total/NA
Chromium	10		0.96	0.39	mg/Kg	2	✱	6010B	Total/NA
Arsenic	48		1.9	0.58	mg/Kg	2	✱	6010B	Total/NA
Lead	21		0.58	0.37	mg/Kg	2	✱	6010B	Total/NA
Mercury	0.055	J B	0.12	0.018	mg/Kg	1	✱	7471A	Total/NA

Client Sample ID: IA01-B09/(2-4)

Lab Sample ID: 240-20491-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48	B	22	0.079	mg/Kg	1	✱	6010B	Total/NA
Cadmium	0.19	J	0.22	0.040	mg/Kg	1	✱	6010B	Total/NA
Chromium	17		0.55	0.22	mg/Kg	1	✱	6010B	Total/NA
Arsenic	33		1.1	0.33	mg/Kg	1	✱	6010B	Total/NA
Lead	20		0.33	0.21	mg/Kg	1	✱	6010B	Total/NA
Selenium	0.56		0.55	0.50	mg/Kg	1	✱	6010B	Total/NA
Mercury	0.091	J B	0.13	0.020	mg/Kg	1	✱	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Client Sample ID: IA01-B08/(2-4)

Lab Sample ID: 240-20491-4

Date Collected: 01/30/13 09:55

Matrix: Solid

Date Received: 01/31/13 15:10

Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	64	B	39	0.14	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2
Cadmium	0.082	J	0.39	0.069	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2
Chromium	10		0.96	0.39	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2
Silver	ND		0.96	0.19	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2
Arsenic	48		1.9	0.58	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2
Lead	21		0.58	0.37	mg/Kg	✱	02/22/13 10:07	02/22/13 18:10	2
Selenium	ND		0.96	0.87	mg/Kg	✱	02/22/13 10:07	02/22/13 17:06	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055	J B	0.12	0.018	mg/Kg	✱	02/22/13 13:20	02/22/13 16:04	1

TestAmerica Canton

Client Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Client Sample ID: IA01-B09/(2-4)

Lab Sample ID: 240-20491-5

Date Collected: 01/30/13 10:10

Matrix: Solid

Date Received: 01/31/13 15:10

Percent Solids: 84.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	48	B	22	0.079	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1
Cadmium	0.19	J	0.22	0.040	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1
Chromium	17		0.55	0.22	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1
Silver	ND		0.55	0.11	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1
Arsenic	33		1.1	0.33	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1
Lead	20		0.33	0.21	mg/Kg	✱	02/22/13 10:07	02/22/13 18:14	1
Selenium	0.56		0.55	0.50	mg/Kg	✱	02/22/13 10:07	02/22/13 16:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	J B	0.13	0.020	mg/Kg	✱	02/22/13 13:20	02/22/13 15:56	1

TestAmerica Canton

QC Sample Results

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-76195/1-A
Matrix: Solid
Analysis Batch: 76171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76195

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	0.139	J	20	0.071	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Cadmium	ND		0.20	0.036	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Chromium	ND		0.50	0.20	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Silver	ND		0.50	0.10	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Arsenic	ND		1.0	0.30	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Lead	ND		0.30	0.19	mg/Kg		02/22/13 10:07	02/22/13 15:34	1
Selenium	ND		0.50	0.45	mg/Kg		02/22/13 10:07	02/22/13 15:34	1

Lab Sample ID: LCS 240-76195/2-A
Matrix: Solid
Analysis Batch: 76171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76195

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Barium	200	187		mg/Kg		93	80 - 120	
Cadmium	5.00	4.72		mg/Kg		94	80 - 120	
Chromium	20.0	19.1		mg/Kg		95	80 - 120	
Silver	5.00	4.69		mg/Kg		94	80 - 120	
Arsenic	200	193		mg/Kg		97	80 - 120	
Lead	50.0	47.5		mg/Kg		95	80 - 120	
Selenium	200	189		mg/Kg		94	80 - 120	

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 240-76202/1-A
Matrix: Solid
Analysis Batch: 76259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76202

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0479	J	0.10	0.015	mg/Kg		02/22/13 13:20	02/22/13 15:33	1

Lab Sample ID: LCS 240-76202/2-A
Matrix: Solid
Analysis Batch: 76259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76202

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Mercury	0.833	0.998		mg/Kg		120	73 - 121	

TestAmerica Canton

QC Association Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Metals

Analysis Batch: 76171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	6010B	76195
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	6010B	76195
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	6010B	76195
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	6010B	76195
LCS 240-76195/2-A	Lab Control Sample	Total/NA	Solid	6010B	76195
MB 240-76195/1-A	Method Blank	Total/NA	Solid	6010B	76195

Prep Batch: 76195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	3050B	
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	3050B	
LCS 240-76195/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-76195/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 76202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	7471A	
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	7471A	
LCS 240-76202/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-76202/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 76259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	7471A	76202
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	7471A	76202
LCS 240-76202/2-A	Lab Control Sample	Total/NA	Solid	7471A	76202
MB 240-76202/1-A	Method Blank	Total/NA	Solid	7471A	76202

General Chemistry

Analysis Batch: 76187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-20491-4	IA01-B08/(2-4)	Total/NA	Solid	Moisture	
240-20491-5	IA01-B09/(2-4)	Total/NA	Solid	Moisture	

TestAmerica Canton

Lab Chronicle

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Client Sample ID: IA01-B08/(2-4)

Lab Sample ID: 240-20491-4

Date Collected: 01/30/13 09:55

Matrix: Solid

Date Received: 01/31/13 15:10

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76195	02/22/13 10:07	DE	TAL NC
Total/NA	Analysis	6010B		2	76171	02/22/13 17:06	NJT	TAL NC
Total/NA	Analysis	6010B		2	76171	02/22/13 18:10	NJT	TAL NC
Total/NA	Prep	7471A			76202	02/22/13 13:20	DE	TAL NC
Total/NA	Analysis	7471A		1	76259	02/22/13 16:04	DH	TAL NC
Total/NA	Analysis	Moisture		1	76187	02/22/13 09:48	TH	TAL NC

Client Sample ID: IA01-B09/(2-4)

Lab Sample ID: 240-20491-5

Date Collected: 01/30/13 10:10

Matrix: Solid

Date Received: 01/31/13 15:10

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			76195	02/22/13 10:07	DE	TAL NC
Total/NA	Analysis	6010B		1	76171	02/22/13 16:30	NJT	TAL NC
Total/NA	Analysis	6010B		1	76171	02/22/13 18:14	NJT	TAL NC
Total/NA	Prep	7471A			76202	02/22/13 13:20	DE	TAL NC
Total/NA	Analysis	7471A		1	76259	02/22/13 15:56	DH	TAL NC
Total/NA	Analysis	Moisture		1	76187	02/22/13 09:48	TH	TAL NC

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TestAmerica Canton

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: Canton Drop Forge

TestAmerica Job ID: 240-20491-2

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Wisconsin	State Program	5	999518190	08-31-13

TestAmerica Canton

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:

North Canton

Regulatory program:

☐ DW☐ NPDES☐ RCRA☒ Other

Ohio VAP

TestAmerica Laboratories, Inc.

Client Contact		Client Project Manager:		Site Contact:		Lab Contact:		COC No:	
Company Name: TRC Environmental Corp		Kathleen Teuscher		Mike Bitto		Patrick O'Meara		55839	
Address: 1382 W. 9th St. Suite 200		Telephone: 216-344-3072		Telephone: 330-416-4809		Telephone: 330-497-9396		1 of 2 COCs	
City/State/Zip: Cleveland, OH 44113		Email: kteuscher@trcsolutions.com		Analysis Turnaround Time or RUSH Service: TAT if different from below: <u>Standard</u> <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Analyses Vol SVOC PCB Total PCRA Metals TPH-DRG PAH Dry weight		For lab use only: Walk-in client: <input type="checkbox"/> Lab pickup: <input type="checkbox"/> Lab sampling: <input type="checkbox"/> Job/SDG No:	
Phone: 216-344-3072		Method of Shipment/Carrier: <u>Drop-off</u>							
Project Name: 196663.0000.0000.0000		Shipping/Tracking No:							
Project Number: CDF									
PO# 44929				Method: Air <input type="checkbox"/> Aqueous <input type="checkbox"/> Sediment <input type="checkbox"/> Solid <input type="checkbox"/> Other: <u>Soil</u>		Containers & Preservation: H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc/NaOH <input type="checkbox"/> Urease <input type="checkbox"/> Other: <u>HOAc</u>		Sample Specific Notes / Special Instructions:	
Sample Identification		Sample Date		Sample Time					
RRMW-04		1/30/13		1655		X			
MW-08				1305		X			
BIN-01				900		X			
IA01-B08/2-4				0955		X		X X	
IA01-B08/2-4				1010		X		X X	
IA07-B03/2-4				1130		X		X X	
IA07-B03/16-18				1200		X		X X	
IA07-B08/2-4				1320		X		X X	
IA07-B08/10-12				1330		X		X X	
IA03-B10/0-2		1/29/13		1640		X		X	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
				<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements & Comments:									
Ohio VAP									
Relinquished by: <u>[Signature]</u>		Company: TRC		Date/Time: 1/30/13 1510		Received by:		Company: TA	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>Gerry Burns</u>		Company: TA	
								Date/Time: 1/30/13 1510	

North Canton

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:

Regulatory program:

DW

NPDES

RCRA

☒ Other

Ohio VAF

TestAmerica Laboratories, Inc.

[illegible]

TestAmerica Canton Sample Receipt Form/Narrative

Login # : 20491

Client TRC Environmental Corp Site Name _____ By Paul D. HamCooler Received on 1-30-13 Opened on 1-30-13 (Signature)FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____Packing material used: Bubble Wrap Foam Plastic Bag None Other _____COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 4G (CF 0 °C) Observed Sample Temp. 3.8 °C Corrected Sample Temp. 3.8 °C

IR GUN# 5G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 8 (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA

11. Were VOAs on the COC? Yes No DDG 1-30-13

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM. _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

☒ Multiple
on Back

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[illegible]

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